# NCER Funded Science to Achieve Results (STAR) Research Projects:

**Region 1 - Harvard University Grant List** 



# NATIONAL CENTER FOR ENVIRONMENTAL RESEARCH

Office of Research and Development
U.S. Environmental Protection Agency

# **Tabular Query Results of NCER Program and Solicitation Information**

## 26 Abstracts are listed

Number	Identifier	Abstract	Institution	Principal Investigator	Grant Representative	Grant Amount	Proposed Start Date	Highlighted Result?
1	U91-5347	Characterization Of Indoor Particulate Source Strengths Using Continuous Mass And Size Monitors	Harvard School of Public Health, Environmental Science & Engineering Program,	Christopher M. Long	Bernice Smith	34,000	9/8/98	Highlighted
2	R825242	Pathophysiologic Mechanisms of Mortality Associated with Exposure to Concentrated Particulate Urban Air Toxics	Harvard University	John J. Godleski	Deran Pashayan	\$520,997	October 1, 1996 - September 30, 1999	Highlighted
3	R825265	Ultrafine Particles in Urban and Respiratory Health Among Children with Respiratory Symptoms	Harvard University	Joel Schwartz	Deran Pashayan	\$196,185	December 2, 1996 - December 1, 1999	Highlighted
4	R826779	Particulate Air Pollution and Initiation of Asthma	Harvard University	Lester Kobzik, Petros Koutrakis, Stephanie Shore, Beatriz Gonzalez-Flecha	Deran Pashayan	\$557,340	October 1, 1998 - September 30, 2001	Highlighted
5	R826234	Real-time Measurement of the Size and Composition of Atmospheric Particulate Matter	University of Delaware	Anthony S. Wexler	Deran Pashayan	\$374,833	December 15, 1997 - December 14, 2000	Highlighted
6	U915347	Characterization of Sources of Indoor Particles Using Novel Sampling Techniques	Harvard School of Public Health	Christopher M. Long	none	none	none	Highlighted
7	R825267	Development of Population-Based Particle Exposure Models for Human Health Risk Assessment	Harvard University	John D. Spengler	Deran Pashayan	\$500,065	December 2, 1996 - December 1, 1999	Highlighted
8	R824757	Statistical Methods for Non-Cancer Risk	President and Fellows of	Louise Ryan	Clyde Bishop	\$410,892	October 1, 1995 -	Highlighted

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		Assessment	Harvard College				September 30, 1998	
9	R825258	The Chemical Kinetics and Mechanisms of Hydrocarbons Contributing to Ozone Production in the Atmosphere	University at Albany/SUNY and Harvard University	Kenneth L. Demerjian and James G. Anderson	Deran Pashayan	\$534,939	November 25, 1996 - November 24, 1999	Highlighted
10	R824790	Cellular Mechanisms of Pulmonary Inflammation by Environmental Particles	Harvard School of Public Health	Lester Kobzik, M.D.	Deran Pashayan	\$546,895	October 1, 1995 - September 30, 1998	Highlighted
11	R824797	Bioaerosols, Health, and Productivity in a Large Office Building	Harvard University School of Public Health	Harriet A. Burge	Deran Pashayan	\$439,035	October 1, 1995 - September 30, 1998	Highlighted
12	U91-5428	Life History Strategies of Consistently Sparse Tropical Tree Species.	Harvard Universsity	Matthew D. Potts	Virginia Broadway	28,786	9/16/98	Highlighted
13	R825269	Development of a Semi-Continuous Monitor for Determination of Trace Elements and Heavy Metals in Ambient Aerosol Particles	University of Maryland; Harvard School of Public Health	John M. Ondov and Petros Koutrakis	Deran Pashayan	\$395, 885	November 15, 1996 - November 14, 1999	Highlighted
14	R824796	A Study of Ozone Concentration Gradients in Large Buildings, Including an Examination of Indoor Chemistry, Ventilation, Occupant Health Effects and Effects on HVAC Systems	Harvard University School of Public Health	John D. Spengler	Deran Pashayan	\$425,708	October 1, 1995 - September 30, 1998	Highlighted
15	R825336	Development and Validation of a Novel Technique to Measure Ambient Particle Properties Bound Water, Mass Density, and Mean Diameter	Harvard University	Petros Koutrakis, Mike Wolfson, George A. Allen, and Stephen T. Ferguson	Bill Stelz	\$380,111	December 1, 1996 - November 30, 1999	Highlighted
16	R826780	Cardiovascular Vulnerability to Particulate Pollution	Harvard School of Public Health	Diane R. Gold, Peter Stone, Augusto Litonjua; Richard Verrier, Joel Schwartz	Deran Pashayan	\$648,227	October 1, 1998 - September 30, 2001	Highlighted
17	R825220	Biogeochemical Control of Heavy Metal Speciation and Bioavailability in Contaminated Marine Sediments	Harvard University	James Shine	Clyde Bishop	\$453,630	December 2, 1996 - December 1, 2001	Highlighted
18	U915427	Dry Woodland Phenology: Carbon Storage As Endogenous	Harvard University	Renee Richer	none	none	none	Highlighted

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		Control of Leaf Flush						
19	R825270	Development and Evaluation of a Novel Sampling Method to Determine the Phase Partitioning of Semi-Volatile Organic Compounds	Harvard University	Petros Koutrakis, Constantinos Sioutas, Mike Wolfson, and Joy Lawrence	Deran Pashayan	\$409,507	December 1, 1996 - November 30, 1999	Highlighted
20	R824096	Human Influence on Ozone in the Tropical Troposphere An Interpretation of Observations Using a Global Three-dimensional Model	Harvard University	Daniel J. Jacob, Jennifer A. Logan, Clarisa M. Spivakovsky, and Steven C. Wofsy	Deran Pashayan	\$415,798	October 1, 1995 - September 30, 1998	Highlighted
21	R826245	The Relative Associations of Transition Metals and Sources of Fine Particulate Matter to Increased Daily Mortality	Harvard University, School of Public Health	Joel Schwartz	Deran Pashayan	\$ 211,733	January 14, 1998 - January 13, 2,000	Highlighted
22	R827447	Mechanisms of Age-dependent Ozone Induced Airway Dysfunction	Harvard School of Public Health	Stephanie Shore, Ph.D (sshore@hsph.harvard.edu)	Chris Saint	\$852,937	July 1999 - June 30, 2002	Highlighted
23	R825359	Carcinogen Induced Deletions in the Mouse	Harvard University	Robert H. Schiestl	David Reese	\$583,191	December 2, 1996 - December 1, 1999	Highlighted
24	U915428	Life History Strategies of Consistently Sparse Tropical Tree Species	Harvard University	Matthew D. Potts	none	none	none	Highlighted
25	R825312	Valuation of Risks to Human Health Insensitivity to Magnitude?	Harvard College; University of California, Berkeley	James K. Hammitt; John Graham, Michael Hanemann	Deborah Hanlon	\$377,584	October 15, 1996 - October 14, 1999	Highlighted
26	R825818	Genetic Susceptibility to the Effects of Aromatic Solvents on Reproductive Health	Harvard School of Public Health; Beijing Medical University	Xiping Xu, David Christiani, Thomas Smith, and Louise Ryan; Lihua Wang, Dafang Chen	Chris Saint	\$792,308	February 1, 1998 - January 31, 2001	Highlighted

Collections that were searched are: Research Center Research Projects Fellowship Research Projects Grants Research Projects

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